## INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/39818

A. CLASSIFICATION OF SUBJECT MATTER  IPC(7): B65G 53/00  US CL: 406/12  According to International Patent Classification (IPC) or to both national classification and IPC				
B. FIELDS SEARCHED				
Minimum documentation searched (classification system followed by classification symbols) U.S.: 406/12, 14, 73, 106, 197				
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched NONE				
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) NONE				
C. DOCUMENTS CONSIDERED TO BE RELEVANT				
Category *	Citation of document, with inclication, where appropriate, of the relevant passages			Relevant to claim No.
Α	US 6,447,215 B1 (WELLMAR) 1O Septemver 2002 (10/9/2002), see entire document 1-22			1-22
A	US 5,865,568 A (RELIN et al.) 02. February 1999 (02/02/1999), see entire document			1-22
A	US 5,593,252 A (RELIN et al.) 14 January 1997 (14/01/1997), see entire document			1-22
Α	US 5,048,761 A (KIM) 17 September 1991 (17/09/1991), see entire document			1-22
A	US 4,334,370 A (HOLZENBERGER) 15 June 1982 (15/06/1982), see entire document			1-22
ľΑ	US 4,251,365 A (S[EECE) 17 February 1981 (17/02/1981), see entire document			1-22
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Burther	documents are listed in the continuation of Box C.	See patent fa	amily annex.	
	pecial categories of cited documents:			rnational filing date or priority
date and not in conflict with the application but cited to un  "A" document defining the general state of the art which is not considered to be the principle or theory underlying the invention				invention
•	plication or patent published on or after the international filing	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone		
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"O" document referring to an oral disclosure, use, exhibition, or other means		"&" document member of the same patent family		
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Date of the actual completion of the international search		Date of mailing of the international search report		
30 June 2005 (30.06.2005)  Name and mailing address of the ISA/US  Anthorized officer				<del></del>
Note that the port and the second				
Commissioner for Patents				
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